

# Notice of Allowability

Application No.

09/967,111

Examiner

Charles E. Anya

Applicant(s)

CORMIER ET AL.

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## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to arguments/remarks of 1/8/07.
2. ☒ The allowed claim(s) is/are 1-43, 47, 50 and 51: now renumbered as 1-46.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT, or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 3/29/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

WILLIAM THOMSON  
EXAMINER  
2100

**EXAMINER'S AMENDMENT AND REASONS FOR ALLOWANCE.**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul P. Kriz (Reg. No. 45,752) on March 29, 2007.

**I. EXAMINER'S AMENDMENT:**

In the claims:

Please amend the claims in accordance to the attached fax, filed by Applicant.

**II. REASONS FOR ALLOWANCE:**

The following is an examiner's statement of reasons for allowance:

The prior arts of record do not explicit teach or render obvious the invention as recited in the independent claims.

The Young (U.S. Pat. No. 6,560,606 B1) prior art discloses a configuration manager that includes a dependency data table for maintaining data regarding computational dependency and an order determining mechanism, responsive to the dependency data, for tracking computational dependencies for plug-ins and insuring the proper order of plug-in operation.

However, the invention as claimed "retrieving the dependency list information including: initiating a query to the first plug-in module of the plurality of plug-in modules; in response to the query to the first plug-in module, receiving dependency information from the first plug-in module indicating that the first plug-in module requires a service provided by the second plug-in module; initiating a query to the second plug-in module; in response to the query to the second plug-in module, receiving dependency information from the second plug-in module; and producing the plug-in initiation order based on the dependency received from the first plug-in module and the dependency information received from the second plug-in module", when taken in the context of the claims as a whole, was not uncovered in the prior art's teaching.

Nor were references uncovered that would have provided a basis of evidence for asserting a motivation that one of ordinary skill in the art at the time the invention was made, knowing of a configuration manager that includes a dependency data table for maintaining data regarding computational dependency and an order determining mechanism for tracking computational dependencies for plug-ins and insuring the proper order of plug-in operation, would have integrated or modified to teach retrieving the dependency list information that includes initiating a query to the first plug-in module of the plurality of plug-in modules; in response to the query to the first plug-in module, receiving dependency information from the first plug-in module indicating that the first plug-in module requires a service provided by the second plug-in module; initiating a query to the second plug-in module; in response to the query to the second plug-in module, receiving dependency information from the second plug-in module; and

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producing the plug-in initiation order based on the dependency received from the first plug-in module and the dependency information received from the second plug-in module.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is 571-272-3757. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on 571-272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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